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Benchmarq Products from Texas Instruments

bq2018EVM

bq2018 Evaluation Kit

Features

- Complete evaluation system for the bq2018 Power Minder™ IC
- Works with any battery pack chemistry and capacity
- Directly connects to battery pack (3.5V–18.0V)
- Includes PC software and interface board for easy evaluation

General Description

The bq2018EVM is a complete evaluation system for the bq2018 Power Minder IC. The EVM includes one DM2018 circuit module, an EV2200 PC interface board for gas gauge evaluation, a PC serial cable, and Windows-based PC software. The DM2018 circuit module includes one bq2018 IC, a sense resistor, and all other components on-board necessary to monitor capacity and other critical parameters in a battery pack. The DM2018 connects directly across the cells in a battery. With the EV2200 interface board and software, the user can read the bq2018 data registers and evaluate the functions of the bq2018 under different charge/discharge conditions.

Please refer to the EV2200-18 User Guide for information on how to install the software, connect the evaluation setup, and use the main features of the evaluation kit.

Kit Contents

1 DM2018 circuit module

1 EV2200-18 includes

- 1 EV2200 PC interface board
- 1 Set of evaluation software disks
- 1 PC serial cable
- 1 EV2200-18 User Guide

Support documentation including

- bq2018 Designed to Go
- bq2018 data sheet
- DM2018 data sheet

1 Set of OEM System Support Software

Ordering Information

Part Number	Module Part Number	Chemistry	Pack Voltage	Capacity
bq2018EVM-001	DM2018-001	Any	3.5V–18V	Any